



SEQUENCE LISTING

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George, Susan

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RESEMBLING-GALANIN RECEPTORS

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<140> 09/914,106

<141> 2001-08-23

<150> PCT/US00/04416

<151> 2000-02-22

<150> 60/121,651

<151> 1999-02-24

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<213> Homo Sapiens

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<213> Rattus Rattus

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<213> Homo Sapiens

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35      40      45
Phe Ala Ala Leu Met Leu Leu Gly Leu Val Gly Asn Ser Leu Val Ile
50      55      60
Tyr Val Ile Cys Arg His Lys Pro Met Arg Thr Val Thr Asn Phe Tyr
65      70      75      80
Ile Ala Asn Leu Ala Ala Thr Asp Val Thr Phe Leu Leu Cys Cys Val
85      90      95
Pro Phe Thr Ala Leu Leu Tyr Pro Leu Pro Gly Trp Val Leu Gly Asp
100     105     110
Phe Met Cys Lys Phe Val Asn Tyr Ile Gln Gln Val Ser Val Gln Ala
115     120     125
Thr Cys Ala Thr Leu Thr Ala Met Ser Val Asp Arg Trp Tyr Val Thr
130     135     140
Val Phe Pro Leu Arg Ala Leu His Arg Arg Thr Pro Arg Leu Ala Leu
145     150     155     160
Ala Val Ser Leu Ser Ile Trp Val Gly Ser Ala Ala Val Ser Ala Pro
165     170     175
Val Leu Ala Leu His Arg Leu Ser Pro Gly Pro Arg Ala Tyr Cys Ser
180     185     190
Glu Ala Phe Pro Ser Arg Ala Leu Glu Arg Ala Phe Ala Leu Tyr Asn
195     200     205
Leu Leu Ala Leu Tyr Leu Leu Pro Leu Leu Ala Thr Cys Ala Cys Tyr
210     215     220
Ala Ala Met Leu Arg His Leu Gly Arg Val Ala Val Arg Pro Ala Pro
225     230     235     240
Ala Asp Ser Ala Leu Gln Gly Gln Val Leu Ala Glu Arg Ala Gly Ala
245     250     255
Val Arg Ala Lys Val Ser Arg Leu Val Ala Ala Val Val Leu Leu Phe
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Val	Cys	Pro	Cys	Ala	Pro	Arg	Arg	Pro	Arg	Arg	Pro	Arg	Arg	Pro	Gly
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His	Pro	Ala	Pro	Ala	Arg	Ala	Gln	Lys	Pro	Gly	Ser	Ser	Gly	Leu	Ala
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<213> Rattus Rattus

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Thr	Val	Ser	Leu	Ser	Ile	Trp	Val	Gly	Ser	Ala	Ala	Val	Ser	Ala	Pro
				165					170					175	
Val	Leu	Ala	Leu	His	Arg	Leu	Ser	Pro	Gly	Pro	His	Thr	Tyr	Cys	Ser
			180					185					190		
Glu	Ala	Phe	Pro	Ser	Arg	Ala	Leu	Glu	Arg	Ala	Phe	Ala	Leu	Tyr	Asn
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Gly	Ala	Met	Leu	Arg	His	Leu	Gly	Arg	Ala	Ala	Val	Arg	Pro	Ala	Pro
225					230					235					240
Thr	Asp	Gly	Ala	Leu	Gln	Gly	Gln	Leu	Leu	Ala	Gln	Arg	Ala	Gly	Ala
				245					250					255	
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Leu	Tyr	Ala	Phe	Leu	Gly	Ser	His	Phe	Arg	Gln	Ala	Phe	Cys	Arg	Val
				325					330					335	

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 <213> Rattus Rattus

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 Gly Asn Ser Leu Val Ile Thr Val Leu Ala Pro Ser Lys Pro Gly Lys
 50 55 60
 Pro Arg Ser Thr Thr Asn Leu Phe Ile Leu Asn Leu Ser Ile Ala Asp
 65 70 75 80
 Leu Ala Tyr Leu Leu Phe Cys Ile Phe Phe Gln Ala Thr Val Tyr Ala
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 Leu Pro Thr Trp Val Leu Gly Ala Phe Ile Cys Lys Phe Ile His Tyr
 100 105 110
 Phe Phe Thr Val Ser Met Leu Val Ser Ile Phe Thr Leu Ala Ala Met
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 His Arg Asp Ser Asn Gln Thr Phe Cys Trp Glu His Trp Pro Asn Gln
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 Leu His Lys Lys Ala Tyr Val Val Cys Thr Phe Val Phe Gly Tyr Leu
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 Leu His Lys Lys Leu Lys Asn Met Ser Lys Lys Ser Glu Ala Ser Lys
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 245 250 255
 Ser Trp Leu Pro His His Val Ile His Leu Trp Ala Glu Phe Gly Ala
 260 265 270
 Phe Pro Leu Thr Pro Ala Ser Phe Phe Phe Arg Ile Thr Ala His Cys
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 290 295 300
 Ser Glu Asn Phe Arg Lys Ala Tyr Lys Gln Val Phe Lys Cys Arg Val
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<212> PRT

<213> Rattus Rattus

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		35					40					45			
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		50				55					60				
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65					70					75					80
Phe	Gln	Ala	Thr	Ile	Tyr	Thr	Leu	Asp	Asp	Trp	Tyr	Phe	Gly	Ser	Leu
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Leu	Cys	Lys	Ala	Val	His	Phe	Leu	Ile	Phe	Leu	Thr	Met	His	Ala	Ser
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Ile	Ser	Tyr	Tyr	Arg	Gln	Ser	Gln	Leu	Ala	Asn	Leu	Thr	Val	Cys	His
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Pro	Ala	Trp	Ser	Ala	Pro	Arg	Arg	Arg	Ala	Met	Asp	Leu	Cys	Thr	Phe
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Val	Phe	Ser	Tyr	Leu	Leu	Pro	Val	Leu	Val	Leu	Ser	Leu	Thr	Tyr	Ala
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225					230					235					240
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Arg	Val	Ser	Ile	Leu	Ala	Pro	Gly	Asn	His	Ser	Gly	Ser	Met	Leu	Glu
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Gln	Glu	Ser	Thr	Asp	Leu	Thr	Gln	Val	Ser	Glu	Ala	Ala	Gly	Pro	Leu
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<212> PRT

<213> Rattus Rattus

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 Leu Ala Thr Ser Thr Leu Phe Phe Gln Ser Ala Lys Tyr Leu Met Glu
 100 105 110
 Thr Trp Pro Phe Gly Glu Leu Leu Cys Lys Ala Val Leu Ser Ile Asp
 115 120 125
 Tyr Tyr Asn Met Phe Thr Ser Ile Phe Thr Leu Thr Met Met Ser Val
 130 135 140
 Asp Arg Tyr Ile Ala Val Cys His Pro Val Lys Ala Leu Asp Phe Arg
 145 150 155 160
 Thr Pro Ala Lys Ala Lys Leu Ile Asn Ile Cys Ile Trp Val Leu Ala
 165 170 175
 Ser Gly Val Gly Val Pro Ile Met Val Met Ala Val Thr Gln Pro Arg
 180 185 190
 Asp Gly Ala Val Val Cys Thr Leu Gln Phe Pro Ser Pro Ser Trp Tyr
 195 200 205
 Trp Asp Thr Val Thr Lys Ile Cys Val Phe Leu Phe Ala Phe Val Val
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 Pro Ile Leu Ile Ile Thr Val Cys Tyr Cys Leu Met Leu Leu Arg Leu
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 Arg Ser Val Pro Leu Ser Gly Ser Lys Glu Lys Asp Arg Ser Leu
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 Arg Arg Ile Thr Pro Met Val Leu Val Val Val Gly Ala Phe Val Val
 260 265 270
 Cys Trp Ala Pro Ile His Ile Phe Val Ile Val Trp Thr Leu Val Asp
 275 280 285
 Ile Asn Arg Arg Asp Pro Leu Val Val Ala Ala Leu His Leu Cys Ile
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 Ala Leu Gly Tyr Ala Asn Ser Ser Leu Asn Pro Val Leu Tyr Ala Phe
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